

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (original): A radiation detecting cassette comprising:
 - a solid state radiation detector for detecting radiation bearing image information and outputting an image signal representing a radiation image;
 - a control means for controlling the operations of the solid state radiation detector;
 - a cassette main body having a case for housing the solid state radiation detector and the control means; and
 - a portable operating portion for outputting command signals to the control means for operating the solid state radiation detector, formed as a separate unit from the cassette main body.
2. (original): A radiation detecting cassette as defined in claim 1, wherein:
 - the operating portion further comprises a display portion for displaying the contents of the command signals.
3. (original): A radiation detecting cassette as defined in claim 2, wherein:
 - the operating portion further comprises an information receiving means for receiving information output from the cassette main body; and
 - the display portion displays the information received by the information receiving means.

4. (original): A radiation detecting cassette as defined in claim 3, wherein:
the information receiving means receives information representing an operating state of the solid state radiation detector; and
the display portion displays the operating state of the solid state radiation detector.
5. (original): A radiation detecting cassette as defined in claim 3, wherein:
the information receiving means receives the image signal output from the solid state radiation detector; and
the display portion displays an image based on the image signal.
6. (original): A radiation detecting cassette as defined in claim 4, wherein:
the information receiving means receives the image signal output from the solid state radiation detector; and
the display portion displays an image based on the image signal.
7. (original): A radiation detecting cassette as defined in claim 1, wherein:
the operating portion is removably attachable to the case.
8. (original): A radiation detecting cassette as defined in claim 2, wherein:
the operating portion is removably attachable to the case.

9. (original): A radiation detecting cassette as defined in claim 3, wherein:
the operating portion is removably attachable to the case.
10. (original): A radiation detecting cassette as defined in claim 4, wherein:
the operating portion is removably attachable to the case.
11. (original): A radiation detecting cassette as defined in claim 5, wherein:
the operating portion is removably attachable to the case.
12. (original): A radiation detecting cassette as defined in claim 6, wherein:
the operating portion is removably attachable to the case.
13. (new): A radiation detecting cassette as defined in claim 1, wherein said command signals comprise:
at least one piece of information relating to readying the solid state radiation detector to record a radiation image; and
information relating to readying the solid state radiation detector to read out a radiation image therefrom.
14. (new): A radiation detecting cassette as defined in claim 1, wherein said command signals comprise:
at least one piece of information relating to administering image gradation processes on an image signal output from the solid state radiation detector main body;

information relating to administering image frequency emphasis processes on an image
signal output from the solid state radiation detector main body;

information relating to administering image density standardizing processes on an image
signal output from the solid state radiation detector main body;

information relating to administering image contrast standardizing processes on an image
signal output from the solid state radiation detector main body;

information relating to administering image noise suppressing processes on an image
signal output from the solid state radiation detector main body;

information relating to administering image grid pattern removing processes on an image
signal output from the solid state radiation detector main body;

information relating to administering image blackening processes for areas outside of an
irradiated field on an image signal output from the solid state radiation detector main body;

information relating to administering image energy subtraction processes on an image
signal output from the solid state radiation detector main body; and

information relating to administering image time-lapse subtraction processes on an image
signal output from the solid state radiation detector main body.